



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/698,787

Applicant: Victor Levy

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DECLARATION OF DR. VICTOR LEVY

Mail Stop Amendment
Commissioner for Patents
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Suspected acute coronary syndromes account for nearly 1.7 million hospital admissions per year in the United States. Nevertheless, acute heart attack or unstable angina is confirmed in no more than 30 percent of these admissions, which means that many admissions are unnecessary. It has been estimated that unnecessary hospitalizations account for greater than 5 billion dollars yearly – a significant factor that contributes to high health costs. On the other hand, between 2 and 8 percent of patients with acute heart attack are released from emergency rooms because the severity of their symptoms is not accurately diagnosed. From a medico-legal perspective, an estimated 20 percent of malpractice awards against emergency room ("ER") physicians are related to misdiagnosis and mistreatment of acute coronary syndromes. When all of these various factors are considered together, clearly, there is a quality and cost imperative to improve the management of patients who enter a hospital emergency room with chest pain or other complaints.

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Application No. 09/698,787
Declaration of Dr. Victor Levy

Attached to this paper are a series of publications, including:

Article	Author
Well-Managed Care (Healthcare Informatics Online – August 2004)	Fred D. Baldwin
Data Analytics Throughout the Healthcare Enterprise (Journal of Healthcare Information Management – May 2004)	Rick Krohn
The Odds of Illness (Parade Magazine – June 2003)	
Health Care System Chaos Should Spur Innovation: Summary of a Report to the Society of General Internal Medicine Task Force on the Domain of General Internal Medicine (2004)	Eric B. Larson
Aetna Office Updates Link (May 2004)	William C. Popik
IT Chief Pledges July Plan (Healthcare IT News – June 2004)	Jack Beaudoin
McKesson Exec Calls for New Health Plan Model (Healthcare IT News – June 2004)	Patty Enrado

These publications point out the current need to develop effective evidence-based systems in the medical field, the drawbacks associated with rules-based systems; and the overriding need in the health field for an effective and accurate system of the kind disclosed in my patent application.

Respectfully submitted,


Dr. Victor Levy

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